

LESSON PLAN (BUSINESS MATHEMATICS)

Name of College: **Govt. College for Girls Nacholi , Faridabad**

Academic Session **2021-22**

Sem : **Even**

Name of Assistant/Associate Professor: - **Dr. Kamal Kumar**

Class- **BCom-1st** Subject: - **BUSINESS MATHEMATICS**

Sr. No.	Months	Topics/Chapters to be covered	Academic activity to be organized	Topic of Assignments/Tests to be given to the students.
1.	From-21 st March to 10 th April, 2022	Matrices and Determinants: Definition of a Matrix ; Types of Matrices, Algebra of Matrices; Calculation of values of Determinants up to third order; adjoint of a Matrix, elementary row and column operations; Finding inverse matrix through adjoint and elementary row or column operations; Solution of a system of Linear equations having unique Solution and involving not more than three .	<ul style="list-style-type: none">• ASSIGNMENT• TEST	<ul style="list-style-type: none">• Types of Matrices, Algebra of Matrices; Calculation of values of Determinants up to third order• Finding inverse matrix through adjoint and elementary row or column operations; Solution of a system of Linear equations having unique Solution

2.	From-11 th April to 30 th April, 2022	Differentiation (only algebraic problem) ; Application of differentiation	<ul style="list-style-type: none"> • TEST • BRAIN STORMING SESSION 	<ul style="list-style-type: none"> • Differentiation • Application of differentiation
3.	From-01 st May to 25 th May, 2022	Compound Interest and Annuities: Certain different types of interest rate; Concept of present value and amount of a sum; Types of annuities; Present value and amount of an annuity, including the case of continuous compounding	<ul style="list-style-type: none"> • TEST • ASSIGNMENT 	<ul style="list-style-type: none"> • Compound Interest and Annuities • Present value and amount of an annuity, including the case of continuous compounding
4.	From-26 st May to 30 th June, 2022	Ratio, Proportion and Percentage; Profit and Loss, Revision	<ul style="list-style-type: none"> • TEST • ORAL TEST 	<ul style="list-style-type: none"> • Ratio, Proportion and Percentage • Profit and Loss